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described order, wherein a substance for shifting a recorded wavelength to the volume hologram layer is contained in the first and/or the second adhesive layer(s), a reproduced wavelength of hologram recorded in the volume hologram layer is controlled with shifting the substance between the layers, the substance being a tackifier, and the volume hologram laminate is produced by heat-treatment of the laminate during a production process therefor thereby shifting the tackifier from the adhesive layer in which the tackifier is contained to the volume hologram layer.

2. (Twice Amended) A volume hologram laminate having a first adhesive layer, a volume hologram layer, a second adhesive layer and a surface protecting film formed on a substrate in the described order, wherein a substance for shifting a recorded wavelength to the volume hologram layer is contained in either one of the first and the second adhesive layers, the substance is not contained in other adhesive layer, a reproduced wavelength of hologram recorded in the volume hologram layer is controlled with shifting the substance between the layers, the substance being a tackifier, and the volume hologram laminate is produced by heat-treatment of the laminate during a production process therefor

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*cont.* thereby shifting the tackifier from the adhesive layer in which the tackifier is contained to the volume hologram layer.

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Cancel claim 3 without prejudice or disclaimer.

Amend claims 4, 8, and 9 as follows:

*12* 4. (Thrice Amended) A volume hologram laminate having a first adhesive layer, a volume hologram layer, a second adhesive layer and a surface protecting film formed on a substrate in the described order, wherein a film for shifting a recorded wavelength is put between the first adhesive layer and the volume hologram layer or between the second adhesive layer and the volume hologram layer, a substance for shifting a recorded wavelength to the volume hologram layer is contained in one of the adhesive layers without the film, a reproduced wavelength of hologram recorded in the volume hologram layer is controlled with shifting the substance between the respective adhesive layer and the film as well as between the adhesive layer and the volume hologram layer, the substance being a tackifier, and the volume hologram laminate is produced by heat-treatment of the laminate during a production process therefor thereby shifting the tackifier from the adhesive

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layer in which the tackifier is contained to the volume hologram layer.

D3

8. (Thrice Amended) A label for preparation of a volume hologram laminate having a first adhesive layer, a volume hologram layer, a second adhesive layer and a surface protecting film formed on a release liner sheet in the described order, wherein a substance for shifting a recorded wavelength to the volume hologram layer is contained in the first and/or the second adhesive layer(s), a reproduced wavelength of hologram recorded in the volume hologram layer is controlled with shifting the substance between the layers, the substance being a tackifier, and the volume hologram laminate is produced by heat-treatment of the laminate during a production process therefor thereby shifting the tackifier from the adhesive layer in which the tackifier is contained to the volume hologram layer.

9. (Twice Amended) A label for preparation of a volume hologram laminate having a first adhesive layer, a volume hologram layer, a second adhesive layer and a surface protecting film formed on a release liner sheet in the described order, wherein a

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D3  
cont

substance for shifting a recorded wavelength to the volume hologram layer is contained in either one of the first and the second adhesive layers, the substance is not contained in the other adhesive layer, a reproduced wavelength of hologram recorded in the volume hologram layer is controlled with shifting the substance between the layers, the substance being a tackifier, and the volume hologram laminate is produced by heat-treatment of the laminate during a production process therefor thereby shifting the tackifier from the adhesive layer in which the tackifier is contained to the volume hologram layer.

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Cancel claim 10 without prejudice or disclaimer.

Amend claims 11, 12, 15, 20, and 21 as follows:

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11. (Thrice Amended) A label for preparation of a volume hologram laminate having a first adhesive layer, a volume hologram layer, a second adhesive layer and a surface protecting film formed on a release liner sheet in the described order, wherein a film for shifting a recorded wavelength is put between the first adhesive layer and the volume hologram layer or between the second adhesive layer and the volume hologram layer, a substance for shifting a

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recorded wavelength to the volume hologram layer is contained in one of the adhesive layers without the film, a reproduced wavelength of hologram recorded in the volume hologram layer is controlled with shifting the substance between the respective adhesive layer and the film as well as between the adhesive layer and the volume hologram layer, the substance being a tackifier, and the volume hologram laminate is produced by heat-treatment of the laminate during a production process therefor thereby shifting the tackifier from the adhesive layer in which the tackifier is contained to the volume hologram layer.

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12. (Twice Amended) A volume hologram laminate having a first adhesive layer, a volume hologram layer, a second adhesive layer and a surface protecting film formed on a substrate in the described order, wherein a substance with a refractive index lower than that of the volume hologram layer for shifting a recorded wavelength is contained in the first and/or the second adhesive layer(s), a reproduced wavelength of hologram recorded in the volume hologram layer is shifted to a short wavelength side, the substance being a tackifier, and the volume hologram laminate is produced by heat-treatment of the laminate during a production process therefor thereby shifting the tackifier from the adhesive

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layer in which the tackifier is contained to the volume hologram layer.

15. (Twice Amended) A volume hologram laminate having a first adhesive layer, a volume hologram layer, a second adhesive layer and a surface protecting film formed on a substrate in the described order, wherein a substance with a refractive index higher than that of the volume hologram layer for shifting a recorded wavelength is contained in the first and/or second adhesive layer(s), a reproduced wavelength of hologram recorded in the volume hologram layer is shifted to a long wavelength side, the substance being a tackifier, and the volume hologram laminate is produced by heat-treatment of the laminate during a production process therefor thereby shifting the tackifier from the adhesive layer in which the tackifier is contained to the volume hologram layer.

20. (Twice Amended) A label for preparation of a volume hologram laminate having a first adhesive layer, a volume hologram layer, a second adhesive layer and a surface protecting film formed on a release liner sheet in the described order, wherein a substance with a refractive index lower than that of the volume

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hologram layer for shifting a recorded wavelength is contained in the first and/or the second adhesive layer(s), a reproduced wavelength of hologram recorded in the volume hologram layer is shifted to a short wavelength side, the substance being a tackifier, and the volume hologram laminate is produced by heat-treatment of the laminate during a production process therefor thereby shifting the tackifier from the adhesive layer in which the tackifier is contained to the volume hologram layer.

21. (Twice Amended) A label for preparation of a volume hologram laminate having a first adhesive layer, a volume hologram layer, a second adhesive layer and a surface protecting film formed on a release liner sheet in the described order, wherein a substance with a refractive index higher than that of the volume hologram layer for shifting a recorded wavelength is contained in the first and/or the second adhesive layer(s), a reproduced wavelength of hologram recorded in the volume hologram layer is shifted to a long wavelength side, the substance being a tackifier, and the volume hologram laminate is produced by heat-treatment of the laminate during a production process therefor thereby shifting the tackifier from the adhesive layer in which the tackifier is contained to the volume hologram layer.

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Cancel claims 22 to 29 without prejudice or disclaimer.